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(71) Applicant (for all designated States except US): **SENTEC LIMITED** [GB/GB]; Brunswick House, 61-69 Newmarket Road, Cambridge CB5 8EG (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GLAUSER, Antony, Robert** [GB/GB]; Sentec Limited, Brunswick House, 61-69 Newmarket Road, Cambridge CB5 8EG (GB). **KNILL, Alexander, Charles** [GB/GB]; Sentec Limited, Brunswick House, 61-69 Newmarket Road, Cambridge CB5 8EG (GB).

(74) Agent: **MAGUIRE BOSS**; 5 Crown Street, St. Ives, Cambridgeshire PE27 5EB (GB).

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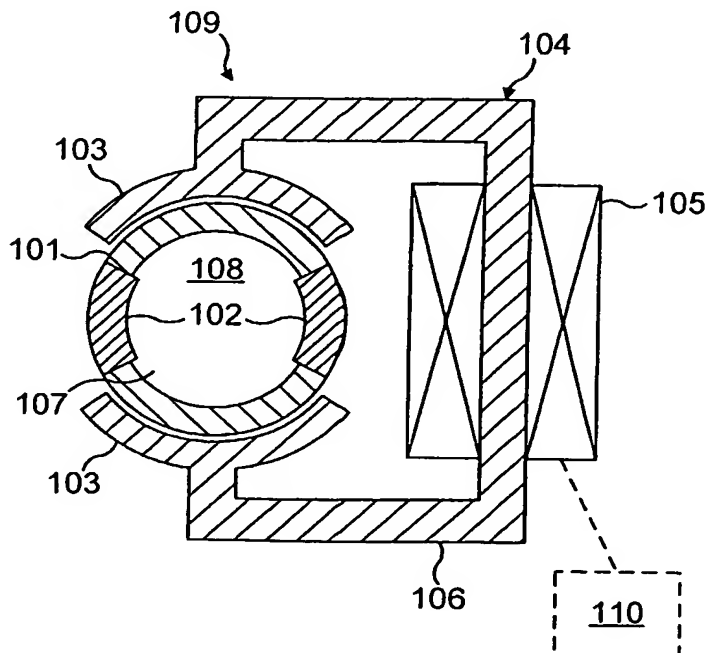
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(54) Title: **MAGNETIC FLOW TRANSDUCER AND FLOW METER INCORPORATING THE SAME**



(57) Abstract: A magnetic transducer (109) for measuring the flow of a fluid (108) has electrodes (102) and an alternating magnetic field (107), an electrode (102) having lower noise energy at frequencies below 5Hz than an electrode comprising carbon or corrosion-resistant metal alloy. The noise characteristic of the electrode (102) at magnetic field frequencies around 1 Hz is lower than that of an electrode comprising carbon or corrosion-resistant metal alloy.



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INTERNATIONAL SEARCH REPORT

International Application No
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A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 G01F1/58

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the International search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC, COMPENDEX

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	GB 1 303 730 A (DATAWELL N.V.) 17 January 1973 (1973-01-17) the whole document	1-4, 12, 13, 16-18
X	DATABASE WPI Section Ch, Week 198147 Derwent Publications Ltd., London, GB; Class J04, AN 1981-86544D XP002312808 - & SU 800 650 A (TALLIN POLY) 30 January 1981 (1981-01-30) abstract	1-3, 12, 15-18
X	US 3 299 703 A (COLVIN ALEX D ET AL) 24 January 1967 (1967-01-24) column 5, line 17 - line 32; figure 5 -/-	1-9, 12, 16-18

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☒ Patent family members are listed in annex.

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Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Politsch, E

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 003, no. 139 (E-152), 17 November 1979 (1979-11-17) & JP 54 116960 A (HITACHI LTD), 11 September 1979 (1979-09-11) abstract -----	1-4, 12, 15-18

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JP 54116960	A	11-09-1979	NONE	